

TABLE 3.—Late seismological reports. (Instrumental.)—Continued.

Date.	Charac- ter.	Phase.	Time.	Period. T.	Amplitude.		Dis- tance.	Remarks.
					A _B	A _N		

Canada. Toronto. Dominion Meteorological Service.

Lat., 43° 40' 01" N.; long., 79° 23' 54" W. Elevation, 113.7 meters. Subsoil: Sand and clay.

Instrument: Milne horizontal pendulum, North. In the meridian.

Instrumental constant.. 18. T₀ Pillar deviation, 1 mm. swing of boom=0.59".

1916.			H. m. s.	Sec.	μ	μ	Km.	
June 2	L.		0 11 42					
	M.				*50			
	F.		?					Air currents.
2	e.		13 50 24					
	e.		14 00 12					
	L.		14 10 00					
	M.		14 12 18		*400			
	F.		?					Air currents.
3	e?		6 00 00		*50			
6	L.		13 53 00		*50			Mixed up with air currents.
	M.							
	F.		14 02 30					
7	L.		13 47 12					Very doubtful as to being seismic; may be air currents.
	L.		13 53 12					
	M.		13 55 24		*200			
	F.		?					
15	L.		12 49 24					Air currents going on.
	M.		12 56 42		*300			
	F.		?					
19	P?		1 25 00				6,105	Air currents going on.
	S.		1 32 42					
	L.		1 38 24					
	L.		1 42 00					
	M.		1 44 00		*500			
	F.		?					
20	L.		7 28 54					
	M.				*500			
	F.		7 52 24					
21	L.		21 51 54					
	M.		21 52 30		*1,700			
	L.		21 59 06					Air currents.
	F.		?					
24	e.		7 15 48					
	L.		7 20 36		*200			
	M.							
	F?		7 47 36					
25	e?		18 30 30					L. W. came in very abrupt and gradually tapered off.
	e?		18 36 06					
	L.		18 37 06					
	M.		18 37 54		*1,200			
	F.		?		*200			Air currents.
30	P.		3 07 12				5,883	Marked disturbance.
	PR.		3 12 24					
	IS.		3 14 42					
	M.		3 31 42		*1,200			
	M.		4 52 12					
	F.		6 18 30					

* Trace amplitude.

SEISMOLOGICAL DISPATCHES.¹

Messina, July 4, 1916.

The volcano of Stromboli has been in eruption since last night. Tugboats are being rushed to the neighborhood to save the inhabitants. (Assoc. Press.)

Rome, July 4, 1916.

The eruption of Stromboli has become serious. The flow of lava is spreading to the sparse coast settlements, burning and destroying houses, and the population is fleeing to the sea and taking refuge upon relief ships sent from Messina. Telephonic communication with Messina has been interrupted. (Assoc. Press.)

¹ Reported by the organization indicated and collected by the seismological station at Georgetown University, D. C.

Date.	Charac- ter.	Phase.	Time.	Period. T.	Amplitude.		Dis- tance.	Remarks.
					A _B	A _N		

Canada. Victoria, B. C. Dominion Meteorological Service.

Lat., 48° 24' N.; long., 123° 19' W. Elevation, 67.7 meters. Subsoil: Rock. Instrument: Wiechert, vertical: Milne horizontal pendulum, North. In the meridian.

Instrumental constant.. 18. T₀ Pillar deviation, 1 mm. swing of boom=0.59".

1916.			H. m. s.	Sec.	μ	μ	Km.	
June 2	L?		0 11 10					
	M.		0 14 08			*100		
	F.		?					
2	P.		14 11 24				3,070	
	S.		14 16 12					
	L.		14 21 39					
	M.		14 26 07			*200		
	F.		14 40 59					
3	M.		6 01 51			*100		
6	L?		13 53 10					
	M.		13 55 39			*200		
	F.		14 00 07					
11	L?		00 51 21					
	M.		00 53 50			*200		
11	L?		1 16 39					
	M.		1 20 07			*200		
15	P.		12 26 37				2,410	
	S.		12 30 35					
	L.		12 39 30					
	M.		12 42 59			*500		
	F.		13 16 42					
19	P?		1 38 36					
	M.		1 44 34			*500		
	F.		1 59 56					
21	P?		21 00 00					Paper slipped.
	L?		21 00 00					
	M?		21 00 00			*500		
	F.		22 56 31					
24	P?		6 58 59					
	M.		7 06 56			*200		
	F.		7 16 21					
25	P.		18 32 44					
	S?		18 34 13					
	L.		18 35 12					
	M.		18 37 41			*900		
	F.		18 44 07					
30	P.		3 10 34				8,200	
	S.		3 19 04					
	L?		3 30 04					
	M.		3 36 34					
	M.		3 37 34			*5000		
	F.		5 10 04					
VERTICAL.					A _B			
	P.		3 10 34	10			7,730	
	S.		3 19 40	15				
	L?		3 36 40	20				
	M.		3 39 20	15		15		
	F.		?					

* Trace amplitude.

London, July 6, 1916, 2:25 p. m.

A violent earthquake at Caltanissetta, Sicily, causing the deaths of nearly 300 persons, is reported in an Exchange Telegraph despatch from Rome. It is said the victims were in three sulphur mines which the earth shock caused to cave in. (Assoc. Press.)

Following London.

Earth shocks occurred Tuesday at Ancona, Rimini, Belvedere, Marettimo and in other Adriatic districts, but heretofore no loss of life has been reported. (Assoc. Press.)

Amsterdam, July 18, 1916.

Great damage has been caused by an earthquake in the region of Fiume, Austria. In the city of Fiume a terrible panic was caused.

There have been several earth disturbances recently in the region of the Adriatic, principally in lower Italy and Sicily. (Philadelphia Record.)